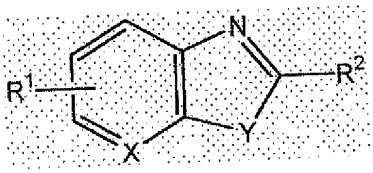
AMENDMENT TO THE CLAIMS:

The following is a listing of claims in the subject application and is to replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) A method for inhibiting 5-lipoxygenase in a subject, comprising administering a compound of formula (I) or a pharmaceutically acceptable salt thereof to the subject in an amount effective for the inhibition of 5-lipoxygenase:



(I)

wherein

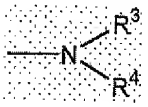
X is CH or N;

Y is S or O;

R^1 is H, OH, halogen, C_{1-6} alkyl, nitro, cyano, amino, di-C_{1-6} alkylamino, C_{1-6} alkoxy, C_{1-6} hydroxyalkyl or C_{1-6} alkylcarbonyl; and

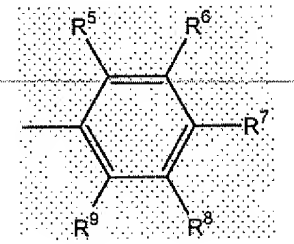
R^2 is

(i)



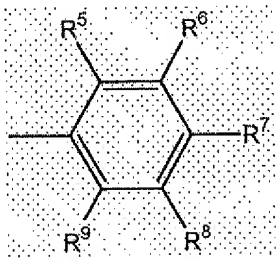
wherein R^3 is H or C_{1-6} alkyl;

R^4 is



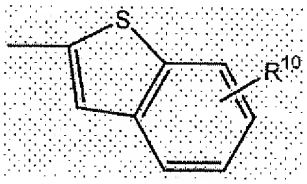
wherein R^5, R^6, R^7, R^8 and R^9 are independently H, OH, halogen, C_{1-6} alkyl, C_{1-6} haloalkyl, nitro, cyano, amino, di-C_{1-6} alkylamino, mercapto, C_{1-6} mercaptoalkyl, halogen-substituted C_{1-6} mercaptoalkyl, phenylazo, C_{1-6} alkylphenylazo, C_{1-6} alkylcarbonyl, C_{1-6} alkoxy or C_{1-6} hydroxyalkyl,

(ii)



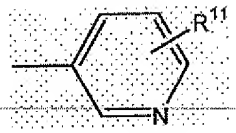
wherein R^5, R^6, R^7, R^8 and R^9 are as defined in (i),

(iii)



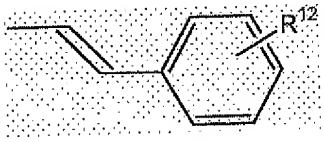
wherein R^{10} is H or C_{1-6} alkyl,

(iv)



wherein R^{11} is H, C_{1-6} alkyl, halogen, mercapto or C_{1-6} mercaptoalkyl, or

(v)



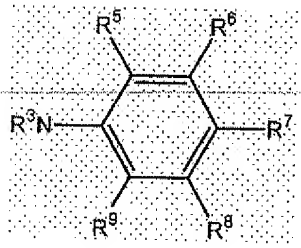
wherein R^{12} is H, OH, halogen, C_{1-6} alkyl, nitro, cyano, amino, di-C_{1-6} alkylamino, C_{1-6} alkylcarbonyl, C_{1-6} alkoxy or C_{1-6} hydroxyalkyl,

with the proviso that when R^2 is (ii) or (iv), Y is S.

2. (Currently amended) The method of claim 1, which is used for ~~preventing or~~ treating a leukotriene-related disease selected from the group consisting of: asthma, pertussis, psoriasis, rheumatic arthritis, arthritis, inflammatory bowel disease, cystic fibrosis, acute/chronic bronchitis, sepsis, cardiac myoischemia, cardiac anaphylaxis, ischemia and allergic rhinitis.

3. (Original) The method of claim 2, wherein the disease is asthma.

4. (Previously presented) The method of claim 1, wherein R^2 is



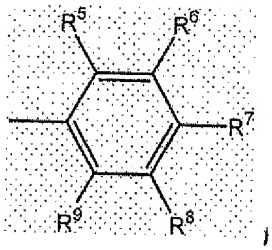
wherein

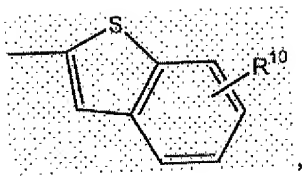
R^3 is H or C_{1-6} alkyl;

R^5, R^6, R^7, R^8 and R^9 are independently H, OH, halogen, C_{1-6} alkyl, C_{1-6} haloalkyl, nitro, cyano, amino, di-C_{1-6} alkylamino, mercapto, C_{1-6} mercaptoalkyl, halogen-substituted C_{1-6} mercaptoalkyl, phenylazo, C_{1-6} alkylphenylazo, C_{1-6} alkylcarbonyl, C_{1-6} alkoxy or C_{1-6} hydroxyalkyl.

5. (Original) The method of claim 4, wherein R^1 is H, halogen, C_{1-6} alkyl or nitro; and R^5, R^6, R^7, R^8 and R^9 are independently H, halogen, C_{1-6} alkyl or phenylazo.

6. (Currently amended) The method of claim 1, wherein Y is S; and R^2 is





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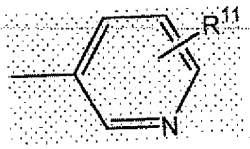

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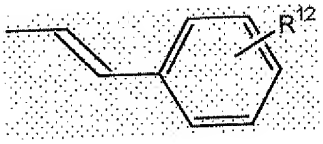


wherein

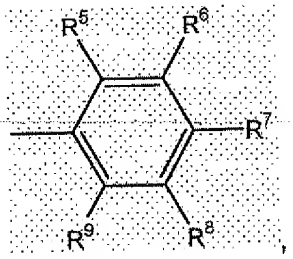
R^5, R^6, R^7, R^8 and R^9 are independently H, OH, halogen, C_{1-6} alkyl, C_{1-6} haloalkyl, nitro, cyano, amino, di-C_{1-6} alkylamino, mercapto, C_{1-6} mercaptoalkyl, halogen-substituted C_{1-6} mercaptoalkyl, phenylazo, C_{1-6} alkylphenylazo, C_{1-6} alkylcarbonyl, C_{1-6} alkoxy or C_{1-6} hydroxyalkyl;

R^{10} is H or C_{1-6} alkyl;

R^{11} is H, C_{1-6} alkyl, halogen, mercapto or C_{1-6} mercaptoalkyl; and

R^{12} is H, OH, halogen, C_{1-6} alkyl, nitro, cyano, amino, di-C_{1-6} alkylamino, C_{1-6} alkylcarbonyl, C_{1-6} alkoxy or C_{1-6} hydroxyalkyl.

7. (Currently amended) The method of claim ~~6~~ 1, wherein Y is S; R^1 is H or C_{1-6} alkyl; and R^2 is



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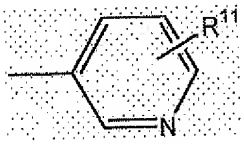

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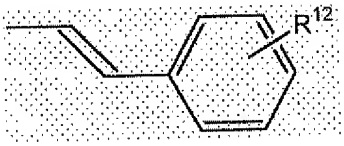


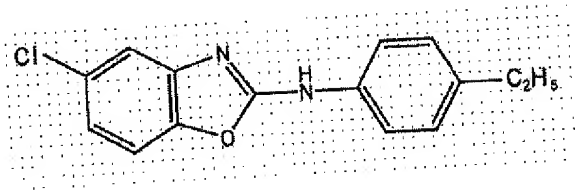
wherein R^5, R^6, R^7, R^8 and R^9 are independently H, OH, halogen, C_{1-6} alkyl, C_{1-6} haloalkyl, nitro, cyano, amino, di-C_{1-6} alkylamino, mercapto, C_{1-6} mercaptoalkyl, halogen-substituted C_{1-6} mercaptoalkyl or C_{1-6} alkoxy;

R^{11} is H, C_{1-6} alkyl, halogen, mercapto or C_{1-6} mercaptoalkyl; and

R^{12} is H, halogen or C_{1-6} alkyl.

8-9. (canceled)

10. (Previously presented) The method of claim 1, wherein the compound of formula (I) is



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